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## 21 [Multimodal error correction for speech user interfaces](#)

Bernhard Suhm, Brad Myers, Alex Waibel

March 2001 ACM Transactions on Computer-Human Interaction (TOCHI), Volume 8

Issue 1

Publisher: ACM

 Full text available: [pdf\(244.34 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 244, Citation Count: 14

Although commercial dictation systems and speech-enabled telephone voice user interfaces have become readily available, speech recognition errors remain a serious problem in the design and implementation of speech user interfaces. Previous work hypothesized ...

Key words: dictation systems, interactive error correction, multimodal interfaces, pen input, performance model, speech input, speech user interfaces

## 22 [Authoring and annotation of web pages in CREAM](#)

Siegfried Handschuh, Steffen Staab

May 2002 WWW '02: Proceedings of the 11th international conference on World Wide Web

Publisher: ACM

 Full text available: [pdf\(764.65 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 155, Citation Count: 27

Richly interlinked, machine-understandable data constitute the basis for the Semantic Web. We provide a framework, CREAM, that allows for creation of metadata. While the annotation mode of CREAM allows to create metadata for existing web pages, the authoring ...


Key words: RDF, annotation, metadata, semanticWeb

## 23 [Natural language and inference in a computer game](#)

Malte Gabsdil, Alexander Koller, Kristina Striegnitz

August 2002 Proceedings of the 19th international conference on Computational linguistics - Volume 1, Volume 1

Publisher: Association for Computational Linguistics

Full text available:  pdf(81.10 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 43, Citation Count: 1

We present an engine for text adventures - computer games with which the player interacts using natural language. The system employs current methods from computational linguistics and an efficient inference system for description logic to make the interaction ...


## 24 [The look of the link - concepts for the user interface of extended hyperlinks](#)



Harald Weinreich, Hartmut Obendorf, Winfried Lamersdorf

September 2001 HYPERTEXT '01: Proceedings of the 12th ACM conference on Hypertext and Hypermedia

Publisher: ACM

Full text available:  pdf(307.01 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 94, Citation Count: 7

The design of hypertext systems has been subject to intense research. Apparently, one topic was mostly neglected: how to visualize and interact with link markers. This paper presents an overview of pragmatic historical approaches, and discusses problems ...

Keyw ords: Web, XLink, distributed hypertext, link marker, user interface


## 25 [Making sense of sensing systems: five questions for designers and researchers](#)



Victoria Bellotti, Maribeth Back, W. Keith Edwards, Rebecca E. Grinter, Austin Henderson, Cristina Lopes

April 2002 CHI '02: Proceedings of the SIGCHI conference on Human factors in computing systems: Changing our world, changing ourselves

Publisher: ACM

Full text available:  pdf(435.34 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 22, Downloads (12 Months): 210, Citation Count: 36

This paper borrows ideas from social science to inform the design of novel "sensing" user-interfaces for computing technology. Specifically, we present five design challenges inspired by analysis of human-human communication that are mundanely addressed ...

Keyw ords: design framework, human-machine communication, sensing input, social science, ubiquitous computing


## 26 [m-links: An infrastructure for very small internet devices](#)



Bill N. Schilit, Jonathan Trevor, David M. Hilbert, Tzu Khiau Koh

July 2001 MobiCom '01: Proceedings of the 7th annual international conference on Mobile computing and networking

Publisher: ACM

Full text available:  pdf(580.78 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 54, Citation Count: 7

In this paper we describe the Mobile Link (m-Links) infrastructure for utilizing existing

World Wide Web content and services on wireless phones and other very small Internet terminals. Very small devices, typically with 3-20 lines of text, provide portability ...

Keywords: middleware, proxy, web phones, wireless, wireless web

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